



SEQUENCE LISTING

<110> Tononi, Giulio
Cirelli, Chiara
Shaw, Paul J.
Greenspan, Ralph J.

<120> Vigilance Nucleic Acids and Related
Diagnostic, Screening and Therapeutic Methods

<130> P-NI 4447

<140> US 09/733,607

<141> 2000-12-08

<150> US 09/456,785

<151> 1999-12-08

<160> 27

<170> FastSEQ for Windows Version 4.0

<210> 1

<211> 317

<212> DNA

<213> Drosophila

<400> 1

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agtctctgcg attccgggca gttgaaatga tgcaagatga gaggctcagt ccataacact 180
taacgctttg tgcaccgtac aatttagtac cgcacattcc ttgagagcta gacggcacca 240
gacgtcccaa cttaccaa atattcttta tgctctatct atatgtatgt cgcataatcta 300
gtttatgcta gttgtag 317
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<210> 2

<211> 356

<212> DNA

<213> Drosophila

<400> 2

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tatttctgcg gactcctgta attcatcctg tcgtctgctt tccattatta cacgttctca 120
acgctcacaa gattgcttca aaccgatctg tctctatccc gcatctgcct gccccggtat 180
cgttttgata tgtgaatgcc ttacacgata cacgcttttg aaagabccsc ccagtccaac 240
ccgaatcccg ccacggccct tttttccacc aatctcgcaa gatgccttgc tcgttttgta 300
aatagctttt yygaagacgr aagatcaaga caaatcaaat caaatcgatc caattt 356
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<210> 3

<211> 393

<212> DNA

<213> Drosophila

<400> 3

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tgctaattggg catcgacttt gctggcgctg tgatgggctg gaagttcttc gatcacgcag 120
cscatttggg cggcgcatgt ttggcatctt ttgggccacg tatggggcac agatatgggc 180
aaagcgcatt ggtctactga attactacca tgacctgcgc cggacgaagc agaaatagta 240
caggaggctt ggggattcgc caagtgaacg gacggggagc tgaggcaata gagcggctrr 300
ggtagcacta cgctgtgtca ataagagtga catcgttctg ccttagaagt tcattgaaat 360
cagttaagtt gaataaatcg ttgacatcct gat                                     393
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<210> 4

<211> 505

<212> DNA

<213> Drosophila

<400> 4

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gttaagtaag gcaccacgac ttatattagc aacaactggt gtttcttggt ttttctcaca 120
attagaaaga aattgaaatg gaaactcatt tagatcatag gcttcttctt tattgacacg 180
atactcttct ttcgttttat ctattatctc ctctaaatac tcttttacct caacactatc 240
atcaattaaa ctagcaatct tcccattttt tacaataaag ttagtatgag gaggatccaa 300
agcataatca tttaagttaa accaataaag caatgcttta aacaactttt cttcttctt 360
ttccttagta acttgctggt ttttttaggt cctcattaga aacctcagga tttaagaatg 420
ttgaatcatc ccatgctata ggagaagaaa tcsatgatga tctactccaa gatagctgkg 480
attgatcmte agtggattga ctgaa                                     505
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<210> 5

<211> 169

<212> DNA

<213> Drosophila

<400> 5

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gcccttcgtg ctactgagc ctccgcccct accaacccca ggtgttcctc agcctcgtaa 60
ctggcccagc ttccaggata cggacctctg agtccggttt cgataccccc acaaccacaa 120
tcacgatcac gaagaagact ccggcgaaga taagcccaag gacaagtct 169
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<210> 6

<211> 291

<212> DNA

<213> Drosophila

<400> 6

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tgccggatgt taacataggr gttagtctaa aggtctgcga gagcatcgac aaggagctta 60
gatcatccta caatcagcag aggcagcagc aacgcaaggv agccaaamvg gagcagcagg 120
tgacgcgggc agaaacgtac gattccatta gacgttttgg acgcgcccat caaaaagcca 180
ggcaaagggg aataccaggm aagggaaaga gaacgtgaaa aagaggcgtc agcggctctt 240
caggaaacgg acaaggaaag gggaammccc ccccccsaa ttccggaggg c 291
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<210> 7

<211> 267

<212> DNA

<213> Drosophila

<400> 7

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gttagcctac ggatatgtaa agcgggtcaag agaaacagac aaatgttata tgtataagcg 60
aataatgttg tcccaattcc tgcgatatat gcgaatatat cggggaatcg gactgtattg 120
tattgatgag atatagaaga aagagagaga gagaggagcc agggagctgc gggtcgtgcg 180
gaggaggaga ataggtcgat gaggaatggg aacggcagaa gagcaagaga taaaccacga 240
aatcatacgg aaaccactag agagcag 267
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<210> 8

<211> 225

<212> DNA

<213> rattus

<400> 8

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gttctttttt ttccggagct ggggactgaa cccagggcct tgcgcttcct aggtaaggga 60
tctacctcgc agctaaatcc ccagcccca gctcactggg cttaaagggc tccaggagtc 120
attttatata caagggaact gaagcatgaa gggttagatc acctgctcag gtcacctaca 180
gcttgctcagt gattagcaaa ttactctgtc aggtttcctc aagta 225
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<210> 9

<211> 219

<212> DNA

<213> rattus

<400> 9

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gctttggctt tttggcagta cagggtttct ctttgtagcc ctggatgtct tggaactcac 60
gttgtagaac aggctggcct tggcactcag aaatccatca gcctttgcct cacaccactt 120
tgcaactgtc atctcttaaa tgcaaattat attatttgct gaaatttaaa atattgtttt 180
gtgactacat tatgtggtgc tttgtatatg cttgccccca 219
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<210> 10

<211> 213

<212> DNA

<213> rattus

<400> 10

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ttttccagtg ggagttataa ctcagcaatc tctttgtata ggagtgataa aaacaatcaa 60
atgttgtcaa gctagaacaa tgtacacaag aatttaattt gatgtcccat gaggggtatg 120
ttttctctat gctcaaccct tagaggcaat cagggtaaat taccaaatta ccaaattata 180
cgaaaagcca ggctagataa agattatatt ttc 213
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<210> 11

<211> 205

<212> DNA

<213> rattus

<400> 11

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tagctactta aagttaaaaa tcaactctaatt atttgtatca tagaaactca aaaaaaaaaa 60
gaaaatcaca gaaacataat caaatgggag aaggcaggag agaattggtct caacagattt 120
aagttggctg ttgggactga ggaggagagg acctgatgaa aagaccatgc tctggggaca 180
gggatacctt agattctctg tctac 205
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<210> 12

<211> 154
<212> DNA
<213> rattus

<400> 12
aagttcagtt atacttttaa atggtttggt cgtgaatctt ctcttatggt cttcttaaga 60
aaattgcgaa gttcatacga gtttagacatt aagaaaataa taagaatatt gaggacgtgt 120
gttataggaa tgtaattttc caagcaacca gtac 154

<210> 13
<211> 167
<212> DNA
<213> rattus

<400> 13
ctgaaagggt gagttgatta gagaaaaaaa ataattaaga ccaaagtgt gtgtttgggt 60
ttccatttgg aactgtgaat cttggcaaag accaccctaa ctttgacttg ctaccaggc 120
actcaccttc tgtccttcta tctcttgtct tcaccttcag ctcaaga 167

<210> 14
<211> 244
<212> DNA
<213> rattus

<400> 14
cggagctggg gaccgaaccc agggccttgc gcttcctagg caggcactct accactgagc 60
taaattcccca acccctcaat gttttgaaaa gacggtaaat accttggtgt ttaagaataa 120
acaggctaga gcgatggctc aggggataag gcctgtatat aagccatgct cacacgtcac 180
agtgaataca tagctcaaat gactaaactg agtctaaatt actaaaggga agcagcattt 240
gtgc 244

<210> 15
<211> 263
<212> DNA
<213> rattus

<400> 15
catgttcttt tctacttggt tcaaaatagc gcagtaatct tgctgggcaa tgcagacaaa 60
ctggcagtc tccacctttg tcctcatgac tcctttcatg tactctttgt ccatgggtggg 120
cgaaacacca aagctgtttc ccatgcacag tatttctgct ttcccatctg gatacgtcac 180
ctccacogaa ccattgagaa tctactgacca ggaatccagc tcttctccat catttaacac 240
aatggttcca gctctttcca cca 263

<210> 16
<211> 121
<212> DNA
<213> rattus

<400> 16
tatatattatg gacatctaag taggttccat ttctctctg ttgtaaataa tgcattcata 60
aatgcaaattg tagaagggtg ccttgtagta ggtagttaag agccctctga atatacagcc 120
t 121

<210> 17
<211> 82
<212> DNA
<213> rattus

<400> 17
tgtggtactt catacaaaga atattagaaa agggatgca aaaggaagac agttaagtgg 60
tagatggctg cccaagaaat gc 82

<210> 18
<211> 114
<212> DNA
<213> rattus

<400> 18
ttacgggctg tgagctctcg agttgcgacc gccttattca gtttacagct gggtagattt 60
ttaaggagtg agacccaaag taataaacct gtgattgtag catgcacaac tcag 114

<210> 19
<211> 138
<212> DNA
<213> rattus

<400> 19
gaataataga actttttaca gccaaaggaca ttgcatgtgt acgacgcac cctgaagtgt 60
tgtgcttcat ggtggtaaag ctgacccaag tcaactgaaca caatattgca gccattcaac 120
tcacatttgt aacggagg 138

<210> 20
<211> 221
<212> DNA
<213> rattus

<400> 20
cttctgcctt ctgactactg ggattaatga catgtgccac aacccccatc ttctaataat 60
gttttaataa ctttaagatta aataaatagt acaggtgatt tttttaaaaa aaatgtacaa 120
cagtcacatc gtttttaaac ctctgaaaa ttactgtatt ctcatcatat attttgaaag 180
gagctttaat aacaaaaatt atcacatata tttctcagag a 221

<210> 21
<211> 219
<212> DNA
<213> rattus

<400> 21
agatttatattt attatgtaga cagcgttcca cctgcatgta cacgtgcagg ccagaagagg 60
gcaccagatc tcattacaga tggttgtgag cccaccatgt ggttgctggg aattgaactc 120
atgacctctg gaagagcaat tagtgctctt aaccactgag ccatctctcc agccccacga 180
tgaggttctt aagagctgca accaagtggg ggacgataa 219

<210> 22
<211> 215
<212> DNA

<213> rattus

<400> 22

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ctgtcagggc tcaggaaaca ctgtgaaaga ggaagtgaat aaatgtgaga gtcagagggt 60
ggggtggaag gctatggaat gctgccttat agatacgaca tggctactgc agatgtgcat 120
tcacagtaac cacgattacc tacataatat caaggcagtc acattccagc atggataagg 180
gagaaggcca taagaagtat tgtcagtggg tagaa 215
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<210> 23

<211> 106

<212> DNA

<213> rattus

<400> 23

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aggaatgcat ctacactcta agtaaaattg attcgttcta atttccgtgt cagttactgc 60
tgtagtctgc tcctgcttag cgctatgac cgaattcacg aagggc 106
```

<210> 24

<211> 154

<212> DNA

<213> rattus

<400> 24

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ttatgcagag taccattgtg gagatgcaaa tacagcccag gtattcggac agcaaagaca 120
aagtgttatt gtggaaggc ctgagttatc aaaa 154
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<210> 25

<211> 337

<212> DNA

<213> rattus

<400> 25

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agtgtccctg ggctcctatg agggcatcat cagaagatga acaaggtagc tkttggggat 120
gctttctgga tggggaatga cttggctatg cctggscgca tgttgtgtgt kgaactgttt 180
cctcgsgttc cctcggtttc tctctttgta graagtgtc agktttgtac ctcaaagcat 240
actaggtcat gtctctatac tatattccta aagggtccac agctacccta atctaccctg 300
ttacctaaga tccacagaga gtctggaacc ttgttgt 337
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<210> 26

<211> 160

<212> DNA

<213> rattus

<400> 26

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catcagcatc tcagggtagt gacttgatta tattcatctc tgtattctct aagaacaata 120
agatgtctac ataaaaccag tattgaaagt acatactttt 160
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<210> 27

<211> 186

<212> DNA

<213> rattus

<400> 27

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aagatcgatg ctaccttggc agcaaagtaa gaccctgtgt gacagaagaa ggaagagaac 60
agaagggaaa gagaaaagga tgggtgtccga gagacaggaa aagctaaact gtggttatgc 120
catttggggg acaggaccag gtgaagaaaa gggcactcca agttacatat atacaagctg 180
agaaaa                                           186
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